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TI Plastic mass for temporary filling of technological holes in prefabricated reinforced concrete panels

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LA Hungarian

IC ICM C04B022-00

CC 58-2 (Cement, Concrete, and Related Building Materials)

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PI HU 48857 A2 19890728 HU 1987-5946 19871222
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AB The quality of steel-reinforced concrete panels is improved by using a new temporary plastic filling material for creating technol. required holes or openings in the hardened product. The plastic filling material consists of perlite, bentonite, and inhibitors (Na silicate and/or Na₃PO₄). The new nonhardening filling material provides corrosion protection for the reinforcing components, has good workability, and is easy to remove from the final hardened product. A compn. with excellent properties comprises perlite 7.5, bentonite 75, Na silicate 1.2, and Na₃PO₄ 2.5 kg and water 100 L.

ST steel reinforced concrete plastic filling; perlite filling steel reinforced concrete; bentonite filling steel reinforced concrete; sodium silicate inhibitor steel reinforced concrete;

IT Polyesters, uses and miscellaneous
RL: SPN (Synthetic preparation); PREP (Preparation)
(binder, in artificial granite prepn.)

IT Bentonite, uses and miscellaneous
Perlite

RL: USES (Uses)
(filling materials, for improvement of steel-reinforced concrete, for panels)

IT Sand
RL: SPN (Synthetic preparation); PREP (Preparation)
(in artificial granite prepn.)

IT Granite, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of artificial, polyester binder and sands for)

IT Polyesters, uses and miscellaneous
RL: SPN (Synthetic preparation); PREP (Preparation)
(hexachloronorbornenedicarboxylic acid-based, unsatd., binder, in artificial granite prepn.)

IT Concrete
(steel rod-reinforced, improvement of, plastic filling materials for, for panels)

IT Polyesters, uses and miscellaneous
RL: SPN (Synthetic preparation); PREP (Preparation)
(unsatd., isophthalic acid-based, binder, in artificial granite prepn.)
12597-69-2

RL: USES (Uses)
(concrete, steel rod-reinforced, improvement of, plastic filling materials for, for panels)

IT 6834-92-0, Sodium silicate (Na₂SiO₃) 7601-54-9,
Sodium phosphate (Na₃PO₄)